



NOAA Restoration Center

Malibu Creek Arundo Removal Project

Project Description

Arundo donax (giant reed/wild cane), an invasive and non-native plant, will be eradicated from Malibu Creek on designated state parkland to restore aquatic habitat for endangered steelhead trout and tidewater goby. The site will then be revegetated with native sycamores and willows to form a natural riparian canopy.

Project Nickname	Malibu Creek Arundo (PGSI - 2001)		
Location	Malibu, Los Angeles County, CA, SWR		
Program	Community-based Restoration	Congressional District	CA 24
Lat, Long Coordinates	-118.6841, 34.0452	Land Ownership	Public
Implementation Start Date	01-SEP-00	Implementation End Date	29-OCT-01
River Basin	Malibu Creek	HUC	18070104
Geographic Identifier	Santa Monica Bay	USGS Topo Quad	Malibu Beach, CA
Project Status	Implementation Complete	Project Type	Restoration
Project Status Description	complete		
Landmark	From the Malibu Lagoon bridge on Pacific Coast Highway to the bridge on Malibu Canyon/Las Virgenes Road		

Number of Volunteers

Volunteer Hours

Volunteer Description

Proposed Project?	Project Closed?	Y	FY Completed	2001
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Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/Animals
stream/river channel			105				

Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Plover, western snow	<i>Charadrius</i>	<i>alexandrinus ni</i>		Endangered	animal
Pelican, brown	<i>Pelecanus</i>	<i>occidentalis</i>		Endangered	animal
Tern, california least	<i>Sterna</i>	<i>antillarum brov</i>		Endangered	animal
Trout, steelhead	<i>Oncorhynchus</i>	<i>mykiss</i>	Southern California	Endangered	animal
Goby, tidewater	<i>Eucyclogobius</i>	<i>newberryi</i>			animal

Partners

Restoration Techniques

riparian planting
removal of non-native/invasive species

Contacts

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NOAA Involvement

source of funding

Monitoring Information

Characteristic	Type
Additional Info	

Funding Information

Funding Mechanism	FY Awarded	NOAA Contribution	Partnership Contribution	Total Partnership Contribution
National Fish and Wildlife Foundation - PGSI	2001	\$25,000	\$0	\$25,000
TOTALS		\$25,000	\$0	\$25,000

Other Non-Federal \$ **Other Federal \$** **Total Project Cost**

Funding Recipient Mountains Restoration Trust

Funding Comments***Project Abstract***

The NOAA Community-based Restoration Program partnered with the National Fish and Wildlife - Pacific Grassroots Salmon Initiative to fund the Malibu Creek Habitat Enhancement Project. This project, implemented by Mountains Restoration Trust, helped to remove the non-native weed *Arundo donax* from 5.2 stream miles along Malibu Creek, which drains into the Pacific Ocean north of Los Angeles. Although the overall project will last from 2000 through 2005, this grant helped to fund restoration activities in 2001, including monitoring, invasive species removal, and chemical treatment. Malibu Creek supports a small run of endangered Southern California Coast Steelhead, as well as the endangered Tidewater goby. The eradication of *Arundo* will improve aquatic habitat, in terms of temperature, nutrient levels, fish passage and other parameters. The overall project will help to restore 105 acres within this watershed.

This project, which occurred on land managed by California State Parks, also includes long-term monitoring that will be conducted by Mountain Restoration Trust, Heal-the-Bay, and the California Native Plant Society. Other partners in this project included the National Park Service and the County of Los Angeles.